INFORMATION Application Number: 10/646.533 **DISCLOSURE** Filing Date: August 22, 2003 STATEMENT BY APPLICANT First Named Inventor: Kenneth COLLINS, et al. **Group Art Unit:** Unknown Unknown Sheet 1 of 6 **Examiner Name:** Attorney Docket Number: 008401 02 U. S. PATENT DOCUMENTS Examiner Document No. **Publication Date** Class **Subclass** Filing Date Name of Patentee or Initials **Applicant of Cited Document** JC US-2,344,138 03-14-1944 DRUMMOND 107 05-20-1940 117 US-3,109,100 10-29-1963 **GECEWICZ** 250 219 05-19-1960 US-3,576,685 04-27-1971 SWANN ET AL. 187 03-15-1968 148 08-16-1974 US-3,907,616 09-23-1975 WIEMER 148 188 US-4,116,791 09-26-1978 **ZEGA** 204 192 05-18-1977 US-4,382,099 05-03-1983 LEGGE ET AL. 427 34 10-26-1981 175 US-4,385,946 05-31-1983 FINEGAN ET AL. 148 06-19-1981 US-4,434,036 02-28-1984 HOERSCHELMANN ET 204 164 05-03-1982 AL. JC US-4,465,529 08-14-1984 ARIMA ET AL. 148 188 06-04-1982 **FOREIGN PATENT DOCUMENTS** Foreign Patent Examiner **Publication Date** Name of Patentee or Applicant of Cited Translation? Country Initials **Document Document** (Yes/No/n/a) EP 0 546 852 A1 16.06.1993 **EUROPE CHARLES ZAROWIN ET AL.** N/A JC EP 0 836 218 A2 15.04.1998 SERGIO EDELSTEIN ET AL. N/A **EUROPE** EP 0 984 074 A2 15.12.1999 **EUROPE** ALEC DENHOLM ET AL. N/A EP 1 111 084 A1 N/A 27.06.2001 **EUROPE** JAMES BERNSTEIN ET AL. JC. N/A EP 1 191 121 A1 27.03.2002 **EUROPE** MICHELANGELO DELFINO Examiner NON PATENT LITERATURE DOCUMENTS Initials JC Zhang, B.C., and Cross, R.C., "A high power radio frequency transformer for plasma production," Rev. Sci. Instrum., Vol. 69, No. 1, pp. 101-108, January 1998. JC U.S. Patent Application Serial No.: 09/638,075, filed August 11, 2000, entitled, "EXTERNALLY EXCITED TORROIDAL PLASMA SOURCE," By Hiroji Hanawa, et al. 08/06/2006 /Jack Chen/ (08/06/2006) **Examiner's Signature:** Date Considered:

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Application Number: Filing Date: First Named Inventor:

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Sheet 2 of 6

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Sheet 3 of 6

Application Number:

Filing Date:

10/646,533

August 22, 2003

First Named Inventor: Group Art Unit:

Kenneth COLLINS, et al. Unknown

Examiner Name:

Unknown Attorney Docket Number: 008401 02



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Examiner's Signature:

/Jack Chen/ (08/06/2006)

Date Considered:

08/06/2006

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION Application Number: 10/646.533 DISCLOSURE Filing Date: August 22, 2003 STATEMENT BY APPLICANT Kenneth COLLINS, et al. Unknown First Named Inventor: Group Art Unit: Sheet 4 of 6 **Examiner Name:** Unknown Attorney Docket Number: 008401 02 U. S. PATENT DOCUMENTS **Document No Publication Date** Class **Subclass** Filing Date Examiner Name of Patentee or Applicant Initials of Cited Document JC US-5,587,038 12-24-1996 CECCHI ET AL. 156 345 06-16-1994 US-5,627,435 05-06-1997 JANSEN ET AL. 315 111.21 02-15-1996 HOOKE ET AL. 111.21 06-28-1994 US-5,648,701 06-15-1997 315 US-5,654,043 08-05-1997 SHAO ET AL. 427 527 10-10-1996 US-5,674,321 10-07-1997 PU ET AL. 118 723 04-28-1995 US-5.683.517 11-04-1997 SHAN 118 723 06-07-1995 US-5,711,812 01-27-1998 CHAPEK ET AL. 118 723 06-06-1995 US-5,718,798 02-17-1998 **DEREGIBUS** 156 429 04-10-1996 10-29-1996 US-5,770,982 06-23-1998 MOORE 333 32 US-5,897,752 04-27-1999 HONG ET AL. 204 192.12 05-20-1997 US-5,911,832 06-15-1999 DENHOLM ET AL. 118 723 01-09-1997 US-5,935,077 504 08-14-1997 08-10-1999 **OGLE** 600 US-5,944,942 08-31-1999 **OGLE** 156 345 03-04-1998 09-07-1999 723 10-09-1997 US-5,948,168 SHAN ET AL. 118 JC 438 728 01-23-1998 US-5,994,236 11-30-1999 **OGLE** FOREIGN PATENT DOCUMENTS Examiner **Publication Date** Name of Patentee or Applicant of Cited Translation? Foreign Patent Country Initials Document **Document** (Yes/No/n/a) Examiner NON PATENT LITERATURE DOCUMENTS Initials

Examiner's Signature: /Jack Chen/ (08/06/2006) Date Considered: 08/06/2006

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INFORMATION Application Number: 10/646.533 DISCLOSURE Filing Date: August 22, 2003 SEP 2 2 2003 First Named Inventor. Kenneth COLLINS, et al. STATEMENT BY APPLICANT Unknown **Group Art Unit:** Sheet 5 of 6 Examiner Name: Unknown RADEMA Attorney Docket Number: 008401 02 **U. S. PATENT DOCUMENTS Document No Publication Date** Class Subclass Examiner Name of Patentee or Applicant Filing Date Initials of Cited Document JC US-5,994,236 11-30-1999 **OGLE** 438 728 01-23-1998 US-5,998,933 12-07-1999 SHUN'KO 315 11.51 04-06-1998 US-8,020,592 02-01-2000 LIEBERT ET AL. 492.21 08-03-1998 250 US-6,041,735 03-28-2000 MURZIN ET AL. 118 723 03-02-1998 US-6,050,218 04-18-2000 CHEN ET AL. 118 723 09-28-1998 US-6,076,483 06-20-2000 SHINTANI ET AL. 118 723 03-26-1998 US-6,101,971 08-15-2000 DENHOLM ET AL. 118 723 12-22-1998 US-6,132,552 10-17-2000 DONOHOE ET AL. 156 345 02-19-1998 US-6,150,628 11-21-2000 SMITH ET AL. 219 121.54 06-26-1997 US-6,164,241 12-26-2000 CHEN ET AL. 723 06-30-1998 118 01-05-1998 US-6,165,376 12-26-2000 MIYAKE ET AL. 216 67 10-27-1999 US-6,182,604 B1 02-06-2001 **GOECKNER ET AL.** 118 723 US-6.237.527 B1 05-29-2001 KELLERMAN ET AL. 118 723 08-06-1999 US-6,239,553 B1 05-29-2001 BARNES ET AL. 315 111.51 04-22-1999 JC 111.51 US-6,291,938 B1 09-18-2001 JEWETT ET AL. 315 01-24-2000 FOREIGN PATENT DOCUMENTS Examiner Foreign Patent **Publication Date** Name of Patentee or Applicant of Cited Translation? Country Initials Document Document (Yes/No/n/a) NON PATENT LITERATURE DOCUMENTS Examiner Initials

Examiner's Signature: /Jack Chen/ (08/06/2006) Date Considered: 08/06/2006

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Sheet 6 of 6

Application Number:

Filing Date:

First Named Inventor:

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August 22, 2003 Kenneth COLLINS, et al.

Unknown Unknown

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INFORMATION DISCLOSURE STATEMENT BY APPLICAT

Application Number:

10/646.533

Filing Date:

August 22, 2003

First Named Inventor:

Kenneth COLLINS, et al.

Group Art Unit:

Unknown

Examiner Name: Attorney Docket Number: 6915 P02

Unknown

Sheet 1 of 1

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Sheet 1 of 1

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Application Number:

10/646.533

Filing Date:

August 22, 2003

First Named Inventor: Group Art Unit:

Kenneth COLLINS, et al.

1763

Examiner Name: Attorney Docket Number: 6915 P02

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Sheet 1 of 1

Application Number:

10/646,533

Filing Date:

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First Named Inventor:

Kenneth COLLINS, et al.

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Date Considered:

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INFORMATION **Application Number:** 10/646,533 DISCLOSURE Filing Date: August 22, 2003 STATEMENT BY APPLICANT First Named Inventor: Kenneth Collins, et al. Group Art Unit: 2813 Sheet 1 of 1 Examiner Name: Jack S. Chen MAY 2 6 2005 Attorney Docket Number: 006915 P02 TO TRADES **U. S. PATENT DOCUMENTS** Examiner Name of Patentee or Document No **Publication Date** Class Subclass Filing Date Initials Applicant of Cited Document JC US-4,584,026 04-22-1986 WU ET AL. 148 1.5 07-25-1984 US-5,510,011 04-23-1996 OKAMURA ET AL. 204 192.3 12-22-1994 US-6,020,592 02-01-2000 LIEBERT ET AL. 250 492.21 08-03-1998 118 US-6,101,971 08-15-2000 723E **DENHOLM ET AL.** 08-15-2000 US-6.139.697 10-31-2000 CHEN ET AL. 204 192.15 01-31-1997 US-6,513,538 02-04-2003 CHUNG ET AL. 134 1.2 05-22-2001 US-6,811,448 706 11-02-2004 PATON ET AL. 439 07-15-2003 US-6,838,695 01-04-2005 DORIS ET AL. 257 55 11-25-2002 JC FOREIGN PATENT DOCUMENTS Examiner Foreign Patent **Publication Date** Country Name of Patentee or Applicant of Translation? Initials **Document** Cited Document (Yes/No/n/a) NON PATENT LITERATURE DOCUMENTS Examiner Initials Wolf, Stanley and Taubner, Richard, "Silicon Processing for the VLSI Era", 2000, Lattice JC Press, Vol. 1, pages 303-308. 08/06/2006 /Jack Chen/ (08/06/2006) Examiner's Signature: Date Considered:

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Sheet 1 of 1

Application Number:

10/646,533

Filing Date:

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First Named Inventor:

Kenneth COLLINS, et al.

Group Art Unit:

2813

Examiner Name:

Jack S. Chen

Attorney Docket Number: 006915 P02

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INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

Sheet 1 of 1

Application Number:

10/646,533

Filing Date:

08/22/2003

First Named Inventor:

Kenneth COLLINS, et al.

Group Art Unit:

2813

Examiner Name:

Jack S. Chen Attorney Docket Number: 006915/P02

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